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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/590,024	08/21/2006	Atsushi Kitamura	Q95456	6724	
23373 7590 11/17/2009 SUGHRUE MION, PLLC				EXAMINER	
2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			LEE, TO	LEE, TOMMY D	
			ART UNIT	PAPER NUMBER	
WASHINGTO	11, DC 20057		2625		
			NOTIFICATION DATE	DELIVERY MODE	
			11/17/2009	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

sughrue@sughrue.com PPROCESSING@SUGHRUE.COM USPTO@SUGHRUE.COM

Application No. Applicant(s) 10/590,024 KITAMURA ET AL.

Thomas D. Lee 2625	Office Action Summary	Examiner	Art Unit					
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.13(a). In so event, however, may a neyly be timely filed. If NO period for reply is specified above, the maximum statutory priority and apply and with exposits (K) MONTHE from the mailing date of this communication. Falure to reply within the set or advanded periority of the priority of the application to become ABANDONED (35 U.S.C. § 133). Any reply results the set or advanded periority of the set of the set of advanded periority of the set of the set of advandance and set the mailing date of this communication, even if timely filed, may reduce any control periority of the set of the		Thomas D. Lee	2625					
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1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1_6 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.	WHICHEVER IS LONGER, FROM THE MAILING DV - Etnessions of time rapy be available under the provisions of 3° CFR. 1.15 after SIX (6) MONTHS from the mailing date of this communication. If NO period for regit is specified above, the maximum statutory period with the provision of t	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a repty be tin will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this of D (35 U.S.C. § 133).					
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3) X Information Disclosure Statement(s) (PTO/SE/DR) 5) Notice of Informal Patent Application	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	ate					

Paper No(s)/Mail Date

6) Other:

Application/Control Number: 10/590,024 Page 2

Art Unit: 2625

DETAILED ACTION

Specification

- The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.
- The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(4). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 4. Claims 1-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "the position control apparatus" (emphasis added) at page 22, line 12 of the specification. There is insufficient antecedent basis for this limitation in the claim. It is unclear whether this limitation refers to Applicant's "position information apparatus" (emphasis added) in claim 1, at page 22, line 4, or if it is a different component.

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Allowable Subject Matter

Claims 1-6 would be allowable if rewritten to overcome the rejection(s) under 35
 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

- 6. The following is a statement of reasons for the indication of allowable subject matter: No prior art has been found to disclose or suggest Applicant's image processing system, which includes an image processing apparatus having a communication interface connected in series with a transmission line and a storage means that stores a position detection signal for capturing an image of a subject and generates an image processing signal based on image processing, and a master apparatus for implementing communication control of the image processing apparatus and position control apparatus, wherein the image processing apparatus starts image processing, in accordance with an in-bound start command, stores in the storage means the position detection signal, and outputs to the master apparatus the position detection signal along with the image processing signal, as recited in claim 1.
- The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- U.S. Patent 4,485,447 (Ericsson) disclosed a method and arrangement for registration of print on a material, wherein a reference pattern is registered on a table, where it is scanned and its position recorded, and a material is then printed, following which it is transferred to a registering table where its position is scanned and recorded.

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U.S. Patent 6,449,516 (Kyomasu et al.) discloses a bonding method and apparatus, with a position-detecting camera for measuring a positional relationship between reference marks and the optical axis of the position-detecting camera.

U.S. Patent 6,845,296 (Ban et al.) discloses an object taking out apparatus capable of taking out randomly stacked objects, wherein an image of randomly stacked workpieces is captured and analyzed to determine positions/orientations of images of the respective workpieces using whole feature information.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas D. Lee whose telephone number is (571) 272-7436. The examiner can normally be reached on Monday-Friday, 7:30-5:00, alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Thomas D Lee/ Primary Examiner, Art Unit 2625